

METHOD AND APPARATUS FOR OPTICAL NETWORK MAINTENANCE TOOL

~~ABSTRACT~~
ABSTRACT OF THE DISCLOSURE

- 5 Embodiments of the present invention provide a tool for maintaining and analyzing portions of an optical network. In some embodiments, a tool is provided that provides a map of sections of an optical network. Additionally, details on the performance and operations of the network elements forming a section of an optical network may also be provided. Embodiments of the invention may collect and use performance and operation
- 10 statistics which were collected by network elements for other purposes. An algorithm collates the collected data to generate a map of optical links of an optical network. Through use of the map, data structures providing detailed information about the network can be populated. Embodiments of the invention provide a maintenance and analysis tool which may enable optical network administrators to save time, effort and
- 15 costs and provide increased customer satisfaction.